Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A lamp monitoring and control unit, comprising:

a processing and sensing unit to acquire and output monitoring data of a lamp assembly on a pole, and to control power to said lamp assembly selectively according to local control information and remote control information;

a transmit unit to wirelessly transmit said monitoring data output by the processing and sensing unit; and

a receive unit to receive said remote control information, wherein said processing and sensing unit, said transmit unit, and said receive unit are arranged on said pole.

2. (Previously Presented) The lamp monitoring and control unit of claim 1, wherein said remote control information is from at least one remote source.

3. (Previously Presented) The lamp monitoring and control unit of claim 2, wherein said remote source is a centralized control system.

4. (Previously Presented) The lamp monitoring and control unit of claim 1, wherein said processing and sensing unit is configured to process said remote control information.

5. (Currently Amended) The lamp monitoring and control unit of claim 1, wherein said ~~processing and sensing~~ transmit unit is configured to ~~process local control information~~spontaneously transmit the monitoring data.

6. (Currently Amended) The lamp monitoring and control unit of claim 1, wherein said processing and sensing unit is configured to process said remote control information and said local control information.

7. (Previously Presented) The lamp monitoring and control unit of claim 6, wherein said local control information is from at least one local source.

8. (Previously Presented) The lamp monitoring and control unit of claim 7, wherein said at least one local source is a light sensor.

9. (Previously Presented) The lamp monitoring and control unit of claim 7, wherein said at least one local source is a timer.

10. (Previously Presented) The lamp monitoring and control unit of claim 7, wherein said at least one local source is integrally formed with said lamp monitoring and control unit.

11. (Previously Presented) The lamp monitoring and control unit of claim 6, wherein said local control information comprises said monitoring data.

12. (Previously Presented) The lamp monitoring and control unit of claim 6, wherein said local control information comprises daylight and night times.

13. (Previously Presented) The lamp monitoring and control unit of claim 1, wherein said processing and sensing unit comprises a microprocessor.

14. (Previously Presented) The lamp monitoring and control unit of claim 1, wherein said lamp assembly comprises a plurality of lamps.

15. (Previously Presented) The lamp monitoring and control unit of claim 1, wherein said processing and sensing unit is configured to turn said lamp assembly on and off.

16. (Currently Amended) A method for communicating operating information related to a plurality of distributed devices, comprising:

sensing at least one electrical parameter of an associated distributed device;

processing said at least one electrical parameter to produce monitoring data and internal control information;

wirelessly transmitting said monitoring data;

receiving centralized control information based on said monitoring data; and

applying ~~at least one from~~ said internal control information and said centralized control information selectively to control power to said associated distributed device.

17. (Currently Amended) The method of claim 16, further comprising receiving decentralized information from at least one local source, and selectively applying ~~at least one from~~ said internal control information, said centralized control information, and said decentralized information to control power to said associated distributed device.

18. (Previously Presented) The method of claim 17, wherein said at least one local source is a photosensor.

19. (Currently Amended) The method of claim ~~17~~16, wherein said ~~at least one local source is a manual switch~~wherein said monitoring data is wirelessly transmitted to a base station.

20. (Previously Presented) The method of claim 16, wherein said internal control information comprises a sunrise and sunset schedule.

21. (Currently Amended) The method of claim 16, wherein said ~~internal control information comprises said monitoring data~~distributed devices comprise lamp monitoring and control units.

22. (Previously Presented) The method of claim 16, wherein said centralized control information is from a centralized control station.

23. (Previously Presented) The method of claim 17, wherein applying at least one from said internal control information, said decentralized control information, and said centralized control information comprises alternately energizing and de-energizing said associated distributed device.

24. (Currently Amended) A system for monitoring and control of a plurality of distributed devices, comprising:

a monitoring and control unit adapted to be electrically coupled to an associated distributed device, including:

a sensor to sense at least one operating parameter of said associated distributed device;

a receiver to receive remote control information;

a processor to process said at least one parameter to produce monitoring data and local control information, and to control power to the associated distributed device selectively according to the local control information and the remote control information; and

a transmitter to wirelessly transmit monitoring data output from said processor; and

a centralized control station to receive said transmitted monitoring data.

25. (Previously Presented) The system of claim 24, ~~further comprising a plurality of said monitoring and control units~~wherein said distributed devices comprise street lamps.

26. (Currently Amended) The system of claim 24, wherein said ~~monitoring and control unit further comprises a receiver~~transmitter is configured for point-to-point communication.

27. (Previously Presented) The system of claim 25, wherein said centralized control station produces remote control information based upon said monitoring data, and wherein said remote control information is transmitted to said monitoring and control unit.

28. (Currently Amended) The system of claim ~~25~~24, wherein said receiver receives said remote control information and outputs said remote control information to said processor, and wherein said processor applies said remote control information to said associated distributed device.